

What I claim is:

1. A tamper-proof enclosure for a card that includes a printed circuit board and at least one electrical component mounted on the card, comprising:

an enclosure in which the card is mounted, the enclosure having a wall with an opening in it;

a cup member attached to the wall at the opening, the cup member having a passage;

a bus connected to conductors on the board, the bus passing through the passage in the cup member and through the opening in the wall;

a security mesh wrapped around the enclosure, a portion of the security mesh covering the opening in the wall; and

resin in the cup member and coating the security mesh.

2. The tamper-proof enclosure of claim 1, wherein the resin is polyamide.

3. The tamper-proof enclosure of claim 1, wherein the security mesh has a first edge region adjacent the opening in the wall and a second edge region that overlaps the first edge region.

4. The tamper-proof enclosure of claim 3, wherein the bus extends between the first and second edge regions of the security mesh.

5. The tamper-proof enclosure of claim 1, wherein the cup member and the wall are both metallic, and the cup member is attached to the wall by solder.

6. The tamper-proof enclosure of claim 1, wherein the enclosure is a first enclosure, and further comprising a second enclosure, the first enclosure being contained in the second enclosure and embedded in a resinous block.

7. The tamper-proof enclosure of claim 6, wherein the resinous block is made of polyamide.

8. The tamper-proof enclosure of claim 6, in combination with another printed circuit board on which the second enclosure is mounted, the bus being connected to conductors on the another printed circuit board, the another printed circuit board having connector contacts at an edge thereof.

9. The tamper-proof enclosure of claim 8, wherein the card is a communications card.

10. The tamper-proof enclosure of claim 1, wherein the card is a communications card.

11. A method for packaging an electrical card that includes a printed circuit board and at least one electrical component mounted on the printed circuit board, comprising the steps of:

- (a) threading a bus through an opening in a wall of an enclosure and through a passage in a cup member that is attached to the wall at the opening;
- (b) connecting the bus to the printed circuit board;
- (c) mounting the printed circuit board in the enclosure;
- (d) wrapping the enclosure with a security mesh;
- (e) coating the security mesh and filling the cup member with liquid resin; and
- (f) curing the resin.

12. The method of claim 11, wherein the resin is polyamide.

13. The method of claim 11, wherein step (c) is conducted so that the security mesh has a first edge region disposed adjacent the opening in the wall and a second edge region that overlaps the first edge region.

14. The method of claim 13, wherein the bus extends between the first and second edge regions.

15. The method of claim 11, wherein the enclosure is a first enclosure, and further comprising placing the first enclosure in a second enclosure, filling the second enclosure with liquid resin to a predetermined depth, and curing the resin.

16. The method of claim 15, further comprising mounting the second enclosure on another printed circuit board, and connecting the bus to conductors on the another printed circuit board.